

55

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/524,426
Source: PCP/10
Date Processed by STIC: 1/30/06

ENTERED



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/524,426

DATE: 01/23/2006
TIME: 09:14:26

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\01232006\J524426.raw

3 <110> APPLICANT: Li, Limin
 4 Aghdasi, Bahman
 6 <120> TITLE OF INVENTION: MAMMALIAN GENES INVOLVED IN RAPAMYCIN RESISTANCE

AND

7 TUMORGENESIS: RAPR7 GENES
 9 <130> FILE REFERENCE: 70017.11USWO
 11 <140> CURRENT APPLICATION NUMBER: US 10/524,426
 12 <141> CURRENT FILING DATE: 2005-02-15
 14 <150> PRIOR APPLICATION NUMBER: PCT/US2003/026073
 15 <151> PRIOR FILING DATE: 2003-08-15
 17 <150> PRIOR APPLICATION NUMBER: US 60/404,311
 18 <151> PRIOR FILING DATE: 2002-08-15
 20 <160> NUMBER OF SEQ ID NOS: 23
 22 <170> SOFTWARE: PatentIn version 3.3
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 25 <211> LENGTH: 1886
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 61 <221> NAME/KEY: misc_feature

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      tgccctttgg caggttctct tactgaccat ccccacctgc cccacacatc ctccccatg 180
W--> 157 caccccaact ntgagcccct cctgctcagt aagtctgttag acttgggtggg tatattggnc 240
      tcattgagac tgcaggccct tggagggcag gctctgaccc gcagtaagat gtgtgagtga 300
W--> 161 tactcagcac acantaggtg gataaatacc cccacagtagt gtgggttagtg agccctgtga 360
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      cctttcaact gagcccttgg ctcttggagt tagccacaac ctaactactc aggtccctcc 600
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W--> 181 acacagcaaa ggccgtgtta catttgtctg ngactccagc ccccaaggat ctggtcagga 960
W--> 183 cagacatngc gaggactcac ctggataatc cagagccatg gcccattnaca ngnntnctc 1020
W--> 185 tttttttttt ttccttcttt ttctttttc tcttttttgg nnnnnngccc caagacaggc 1080
W--> 187 tttctttgng tagccccggc tttttttggaa ctnactntgt agaccaaact ggcctgngaa 1140
W--> 189 ctcacagaga tcctcctgnc ttgnctncc gagtacaagg gttaaaagcc tgagccanta 1200
W--> 191 ccactggcca ggcttaactaa gtttcttaac tttttaaatnna ttattttttct ttcttatgtat 1260
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205	aactcagaaa	tcctcctgcc	tctgcctccc	aagtgttag	attaaaggcc	cgtgccacca	1680
207	ctgccccacg	ccaatgtctg	tattttattc	atctctgcag	aatctcttt	gtctccataac	1740
209	ggaacatcat	cccagattct	gggaagtaca	ctgaagacaa	tggggtggtt	gttgttctc	1800
W--> 211	tcctatgccc	tttacatnct	ccctacatat	ttcagatgt	accatgatct	accagctcat	1860
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226	cacatctcca	ccatcaacca	cacccttcca	tctttcttctt	catctgacac	atatcttcca	180
228	acccttcagt	catctaataa	gcagacttta	aaagccacgg	gtcctggata	tccaatggaa	240
230	aatgaccaaa	ggaagaacac	ttgctcctta	gtccgacaaag	aagggttcaa	aggagtcacc	300
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234	tccgagatgg	aagagaagag	gcgaaaatat	tccatcagca	gcgacaactc	tgataccact	420
236	gacggtcacg	tgacatccac	atcagcatca	agatgttcca	aactgcccag	cagcaccaag	480
238	tcgggctggc	cccgccagaa	cgagaagaag	ccctcagagg	tttccggac	agacttgatc	540
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242	gaccgtggc	gacaagaatg	ggagaaaggg	gtgcaggtac	ctgctggagc	ggaggccatt	660
244	ccagagcctg	ttgtgaggct	cctcccacca	ctgaaaggcc	ccccacgc	gatgtcccc	720
246	gatagccccca	cacttggta	gggtgcccatt	cctgactggc	caggaggcag	ccgctacgac	780
248	ctggatgaga	tcgatgcgt	ctgggtggaa	cttctcaact	cgagctcaa	ggagatggag	840
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254	gacgttgtct	gcgacgtgt	ccgttccct	gaaggggagg	atggcaacga	gatggtctc	1020
256	tgtgacaaat	gcaatgtctg	tgtgcaccag	gcatgtacg	ggatcctcaa	ggtgcctacg	1080
258	ggcagctggc	tgtgccggac	ctgtgccctg	ggagtccagc	ctaagtgcct	gctctgcccc	1140
260	aagcgaggag	gagccctgaa	gcccaactaga	agtgggacca	agtgggtaca	cgtcagctgt	1200
262	gccctgtgga	ttccctgaggt	cagcattggc	tgtccagaga	agatggagcc	cattaccaag	1260
264	atctcgata	ttccggccag	cogctggcc	ctgtccctga	gcctctgcaa	ggagtgcaca	1320
266	ggtacctgca	tccagtgttc	catgccttcc	tgcacatcacag	cattccacgt	tacgtgcgcc	1380
268	tttgaccgag	gcctggaaat	gcccactata	ttagctgaca	atgacgagg	caagttcaag	1440
270	tcactttgcc	aggagcacag	tgacgggggc	cctcggagtg	agcctacttc	tgagcctgtg	1500
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274	cagctggaaag	aaaacttcta	ttagctagtg	gagccagctg	aggtggctga	acggctagac	1620
276	ctggctgagg	cacttggta	cttcatactac	cagtactgg	agttgaagcg	gagagctaat	1680
278	gccaaccagc	cgctgttgac	gcccaagact	gacgaggtgg	acaacctggc	ccaacaggaa	1740
280	caggatgtcc	tctatcgacg	cctgaagctt	ttcaccacc	tgcggcagga	cctggagagg	1800
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284	cttcaggagc	agatattcca	tctacagatg	aaacttattt	agcaagacct	ttgcagagag	1920
286	ccttctggg	ggaggtcaaa	ggcaagaag	aatgattcaa	aaaggaaagg	ccgagagggt	1980
288	cccaaggggca	gcagccctga	gaagaaagag	aaagtgaagg	ctggggccga	gtctgtctg	2040
290	gggcagctgg	gtctatccac	ctcggtcccc	atcgacggca	ctttcttcaa	cagctggttg	2100
292	gcacagtccg	ttcagatcac	agcagaggac	atggccatga	gcgagtggc	tttgaacagt	2160
294	gggcaccggg	aggatcctgc	tccaggtctg	ctgtcagagg	aattgctaca	agatgaggag	2220
296	acgctgctca	gcttcatgag	ggacccctcg	ctacgacctg	gtgaccctgc	cagaaaggcc	2280
298	cgaggccgca	ctcgccctgcc	tgccaagaag	aaaccatccc	cgctgcagga	tgggcccagt	2340

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300 gcacggacca ctccagacaa gcaacccaag aaggcctggg cccaggatgg caaggggacg 2400
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 308 gtgagccca aacccttggg caggctccgg ccaccccgag agatgaaggt cagtcggaaa 2640
 310 tctccgggtg ctagatccga tgctgggaca ggactaccgt ctgctgtggc cgagaggcca 2700
 312 aaggtcagcc tgcatttga caccgaggct gacggctact tctctgtatga ggagatgagc 2760
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 331 20 25 30
 334 Ser Leu Asn Leu Pro Pro Leu Cys His Ile Ser Thr Ile Asn His Thr
 335 35 40 45
 338 Leu Pro Ser Phe Ser Ser Asp Thr Tyr Leu Pro Thr Leu Gln Ser
 339 50 55 60
 342 Ser Asn Lys Gln Thr Leu Lys Ala Thr Gly Pro Gly Tyr Pro Met Glu
 343 65 70 75 80
 346 Asn Asp Gln Arg Lys Asn Thr Cys Ser Leu Val Arg Gln Glu Gly Phe
 347 85 90 95
 350 Lys Gly Val Thr Leu His Ala Glu Ala Leu Pro Thr Glu Gly Ala Pro
 351 100 105 110
 354 Pro Pro Pro His Leu Gln Asp Ser Glu Met Glu Glu Lys Arg Arg
 355 115 120 125
 358 Lys Tyr Ser Ile Ser Ser Asp Asn Ser Asp Thr Thr Asp Gly His Val
 359 130 135 140
 362 Thr Ser Thr Ser Ala Ser Arg Cys Ser Lys Leu Pro Ser Ser Thr Lys
 363 145 150 155 160
 366 Ser Gly Trp Pro Arg Gln Asn Glu Lys Lys Pro Ser Glu Val Phe Arg
 367 165 170 175
 370 Thr Asp Leu Ile Thr Ala Met Lys Ile Pro Asp Ser Tyr Gln Leu Ser
 371 180 185 190
 374 Pro Asp Asp Tyr Tyr Ile Leu Ala Asp Pro Trp Arg Gln Glu Trp Glu
 375 195 200 205
 378 Lys Gly Val Gln Val Pro Ala Gly Ala Glu Ala Ile Pro Glu Pro Val
 379 210 215 220
 382 Val Arg Leu Leu Pro Pro Leu Lys Gly Pro Pro Thr Gln Met Ser Pro
 383 225 230 235 240
 386 Asp Ser Pro Thr Leu Gly Glu Gly Ala His Pro Asp Trp Pro Gly Gly
 387 245 250 255
 390 Ser Arg Tyr Asp Leu Asp Glu Ile Asp Ala Tyr Trp Leu Glu Leu Leu
 391 260 265 270
 394 Asn Ser Glu Leu Lys Glu Met Glu Lys Pro Glu Leu Asp Glu Leu Thr

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:1; N Pos. 1198,1239,1387,1818

VERIFICATION SUMMARY
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L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:180
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:360
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:900
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:960
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1020
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1080
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1140
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1200
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1380
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1800